

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A gateway, comprising:
a service sniffer operable to receive from a client device a format informing the gateway about a client device's capabilities including any display capabilities of the client device, the service sniffer further operable to direct inputs from the client device to a plurality of portals based on the type of data received from [[a]] the client device;
a command interpreter engine coupled to one or more of the plurality of portals to detect keywords in speech when the data received includes a compressed speech input;
a search and analysis engine to search a network for contents based on the keywords;
~~and~~
a transcoding engine coupled to the one or more of the plurality of portals and operable to convert contents retrieved from the network within multiple fidelities and modalities and to select a proper content version for the client device based on the format informing the gateway about the client device's capabilities; and
a transformation engine to convert a data format used in the contents retrieved from the network into the format supported by the client device based on the format informing the gateway about the client device's capabilities.
2. (Original) The gateway of claim 1, wherein the transformation engine is to convert an image from one format into another format.
3. (Previously Presented) The gateway of claim 1, wherein the service sniffer is adapted to distinguish between traditional telephone services, DSR (distributed speech recognition) services, and IP (internet protocol) services received from the client device.
4. (Original) The gateway of claim 3, wherein the service sniffer is to direct telephone services to a voice portal.

5. (Original) The gateway of claim 3, wherein the service sniffer is to direct DSR (distributed speech recognition) services to a DSR portal.
6. (Original) The gateway of claim 3, further comprising:
a quality of service daemon to receive quality of service requesting information from the client.
7. (Original) The gateway of claim 6, wherein the quality of service daemon is further to adjust quality of service parameters of the client device according to network conditions and then to send the adjusted quality of service parameters to the client device.
8. (Original) The gateway of claim 1, further comprising:
a text-to-speech engine to translate text in the contents into audio speech.
9. (Original) The gateway of claim 1, further comprising:
a speech coder to compress audio to accommodate bandwidth of a transmission medium between the client device and the gateway.
10. (Original) The gateway of claim 1, further comprising:
a publish rendering engine to convert a display page into multiple pages.
11. (Original) The gateway of claim 1, further comprising:
a publish rendering engine to convert a display line into multiple lines.
12. (Currently Amended) A method, comprising:
receiving from a client device a format including a description of a client device's capabilities and a user input including data from the client device;
directing the user input to one or more of a plurality of portals based on the type of data received in the user input;

extracting a feature from the data included in the user input;
translating the feature into a request;
retrieving contents from a network based on the request; and
adapting the contents to a client based on the received description of the client device's capabilities, including adapting the contents to a screen size, a screen resolution, and a [[d]] color depth of the client device based on the format from the client device including the description of the client device's capabilities.

13. (Original) The method of claim 12, wherein the adapting further comprises converting text to audio speech.

14-16. (Canceled)

17. (Original) The method of claim 12, wherein the adapting further comprises converting a display page into multiple pages.

18. (Original) The method of claim 12, wherein the adapting further comprises converting a display line into multiple lines.

19. (Original) The method of claim 12, wherein the user input comprises an address of the contents.

20. (Original) The method of claim 19, wherein the address is a uniform resource locator.

21. (Original) The method of claim 12, wherein the feature further comprises at least one keyword in the user input.

22. (Currently Amended) A program product comprising instructions stored on a computer memory, signal-bearing media, wherein the signal-bearing media comprises instructions, wherein the instructions when read and executed comprise:

receiving from a client device a format including a description of a client device's capabilities and a user input including data from the client device;
directing the user input to one or more of a plurality of portals based on the type of data received in the user input;
extracting a feature from the data included in the user input;
translating the feature into a request;
retrieving contents from a network based on the request; and
adapting the contents for transmission to ~~a telephone~~ the client device based on the received description of the client device's capabilities, including adapting the contents to a screen size, a screen resolution, and a [[d]] color depth of ~~the telephone~~ the client device based on the format from the client device including the description of the client device's capabilities.

23. (Original) The program product of claim 22, wherein the feature comprises a keyword to be searched.

24. (Original) The program product of claim 22, wherein the adapting further comprises: translating text in the contents into audio speech.

25. (New) The gateway of claim 1, wherein the format informing the gateway about the client device's capabilities includes a User Agent protocol.

26. (New) The gateway of claim 1, wherein the format informing the gateway about the client device's capabilities includes a Composite Capabilities/Preference Profiles protocol.